



# Enrollment Forecast

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# Growth Forecasts: A collaborative effort

**NCSU Operations Research and Education Laboratory and Numerix LLC**

## Wake County Government

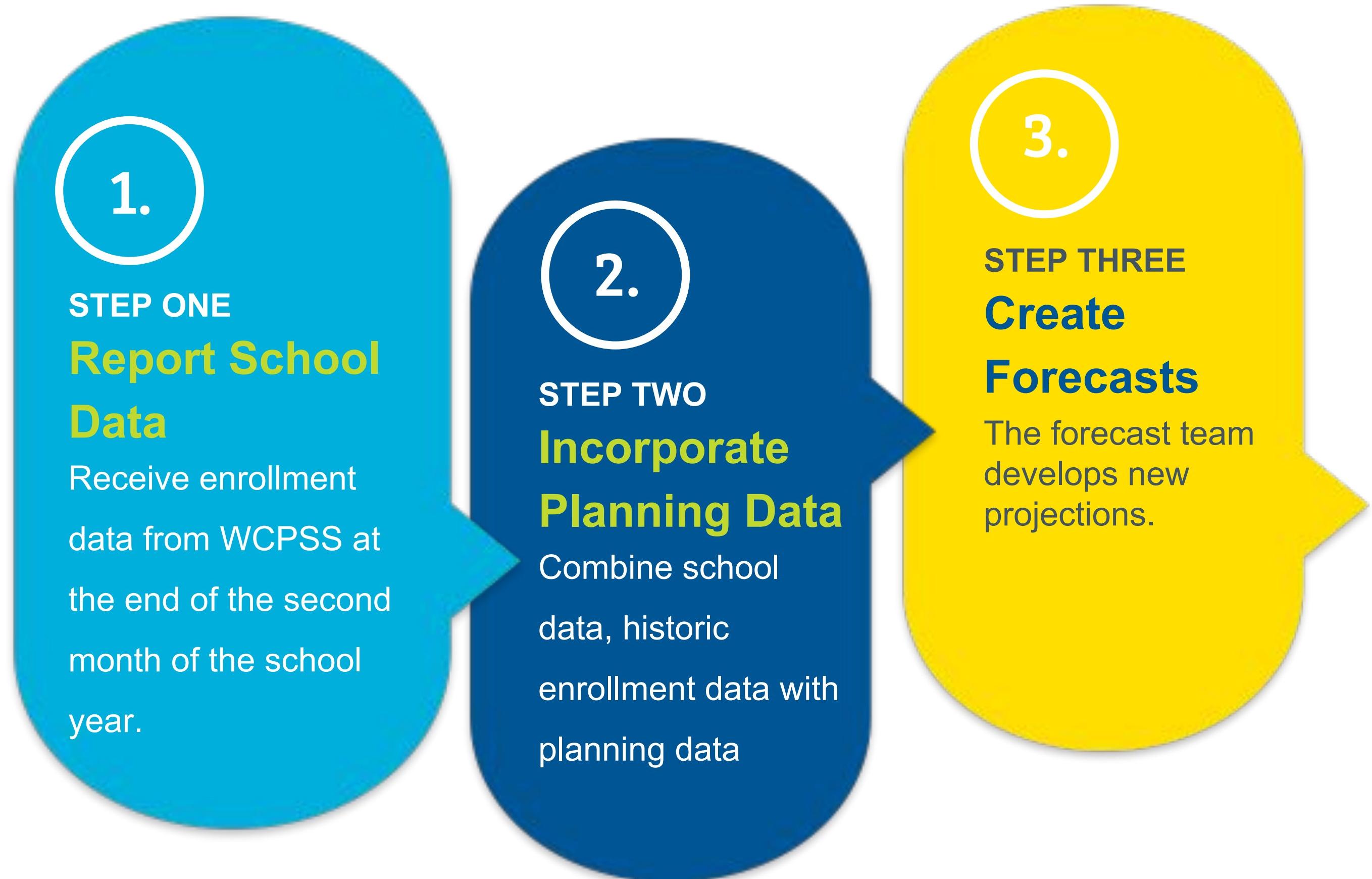
Primarily responsible for analysis of economic and demographic data

## Wake County Public School System

Primarily responsible for providing enrollment counts and data related to enrollment trends

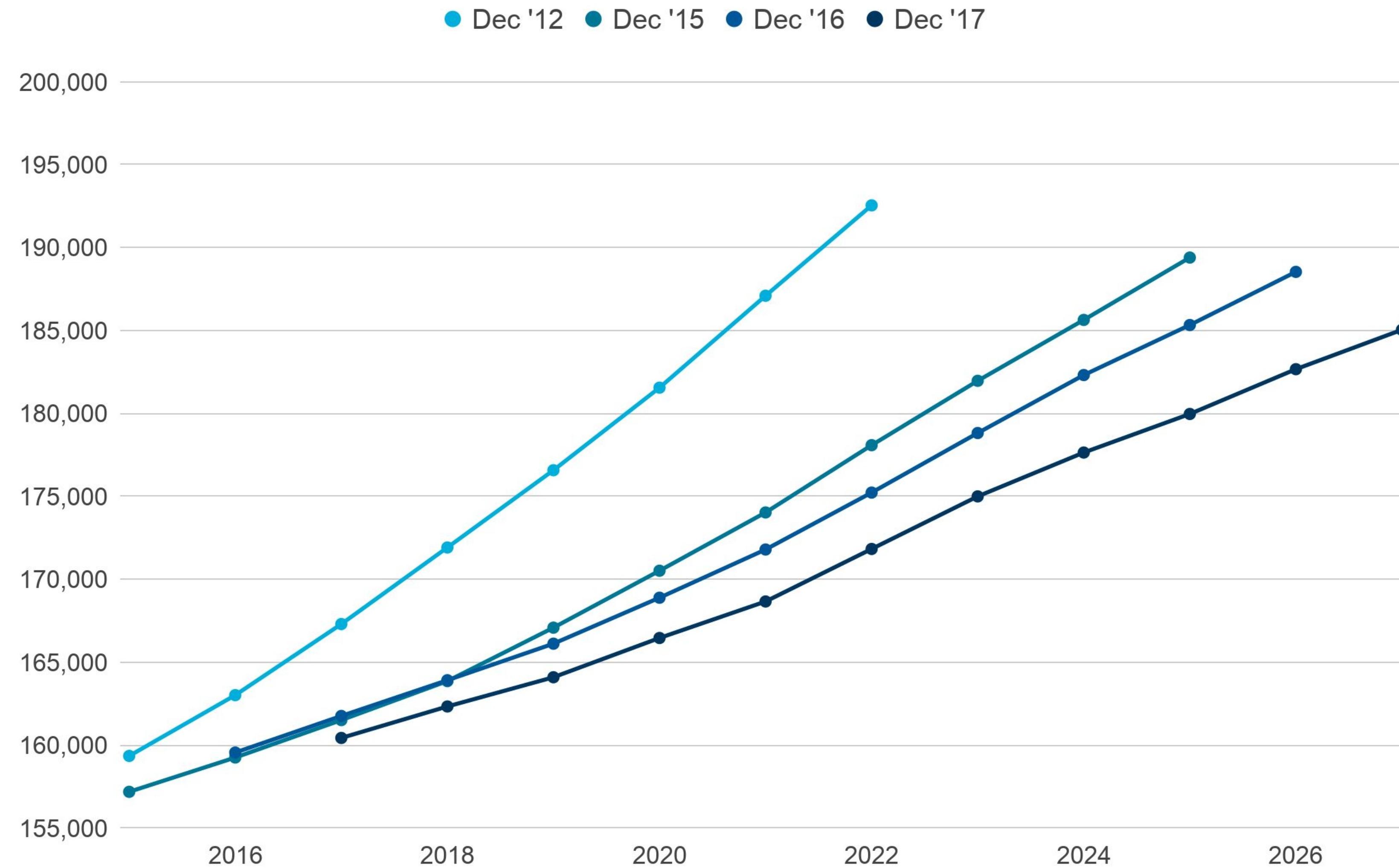
Data is collected from WCPSS, Wake County planning, municipal planning agencies and ITRE/OREd. The groups work collaboratively with Numerix, LLC to develop enrollment forecasts.

# How Growth is Forecasted

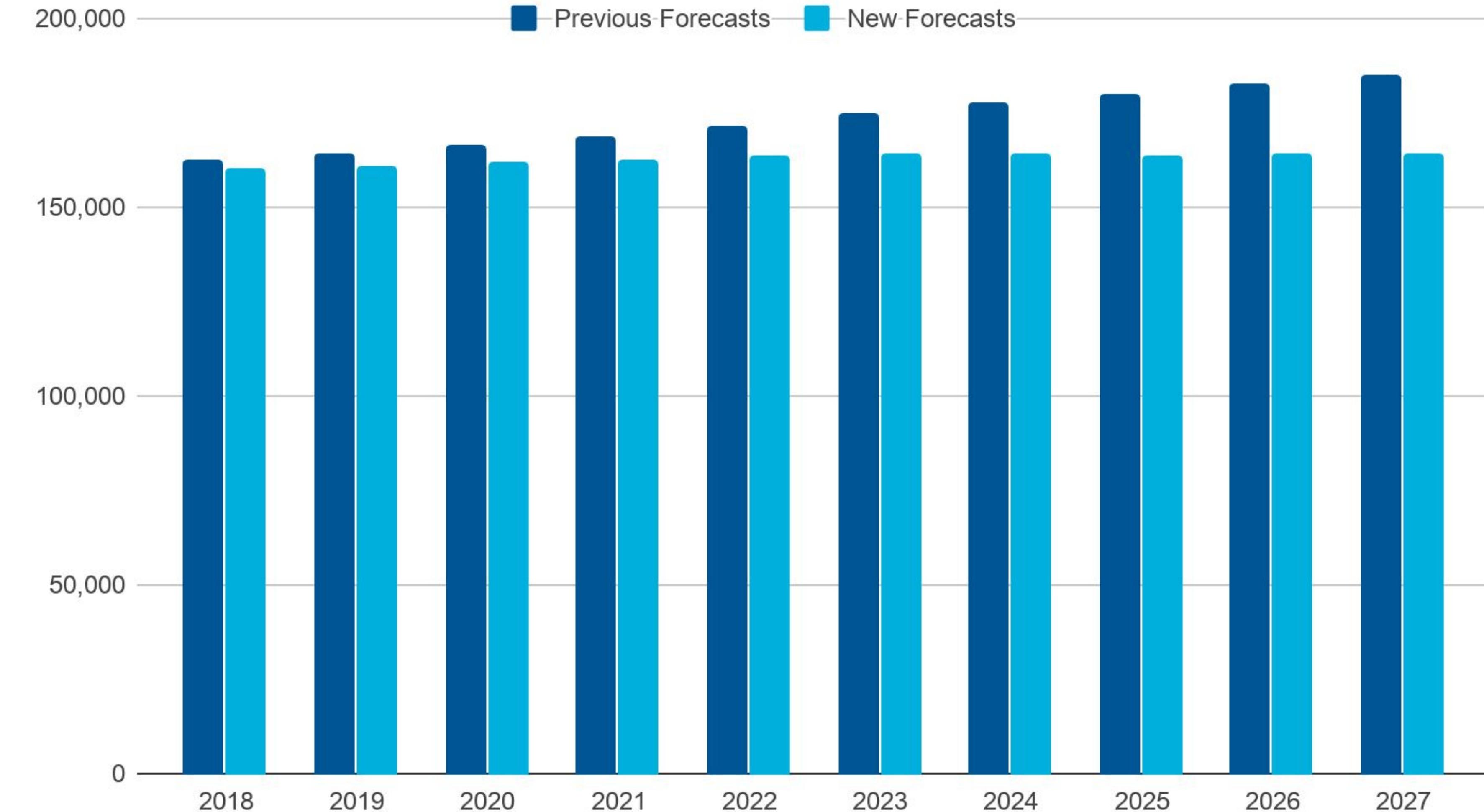


**Data is adjusted annually to reflect changes in enrollments, birth rates, school-age residents and parental choice.**

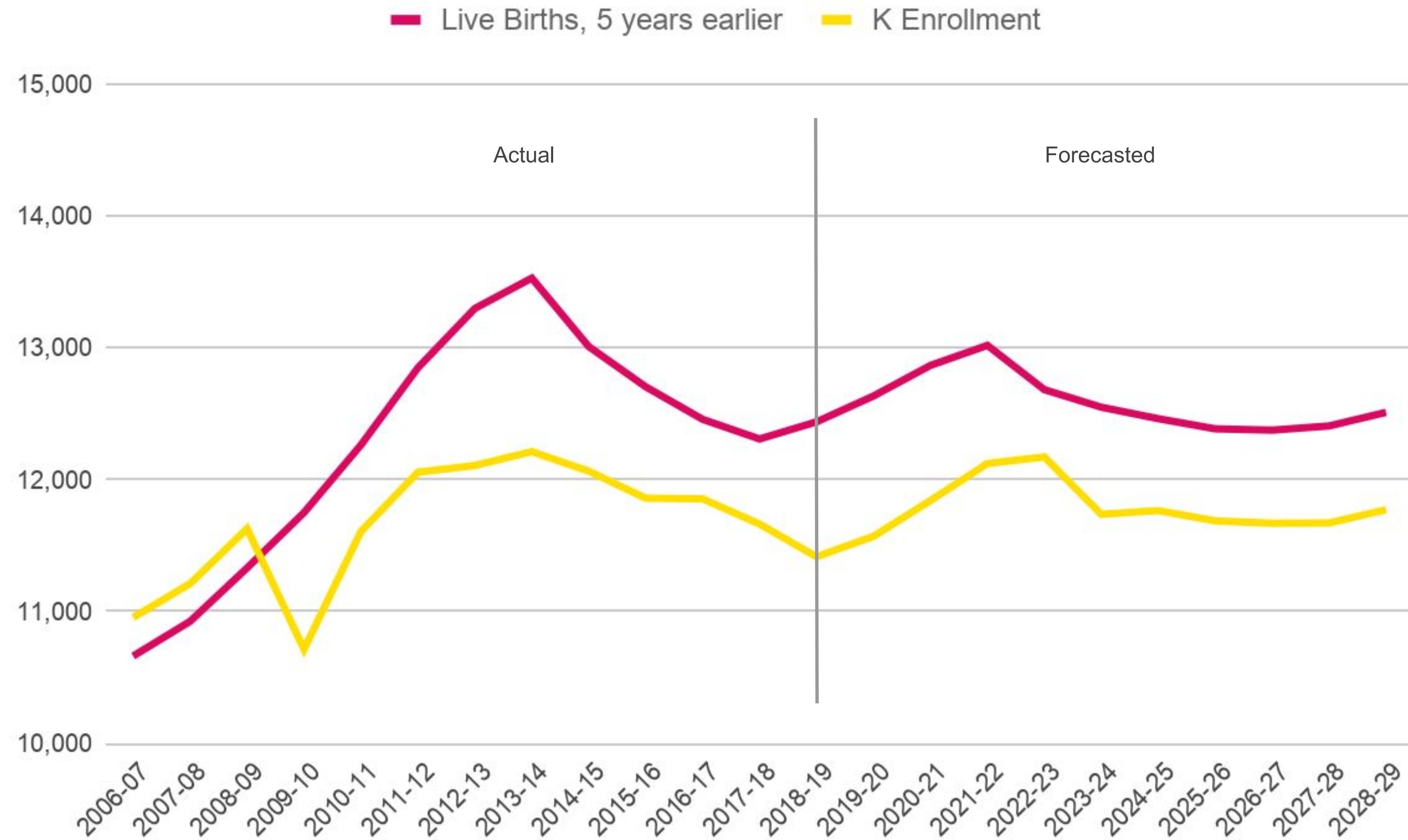
The team's forecasts have trended downward over time.



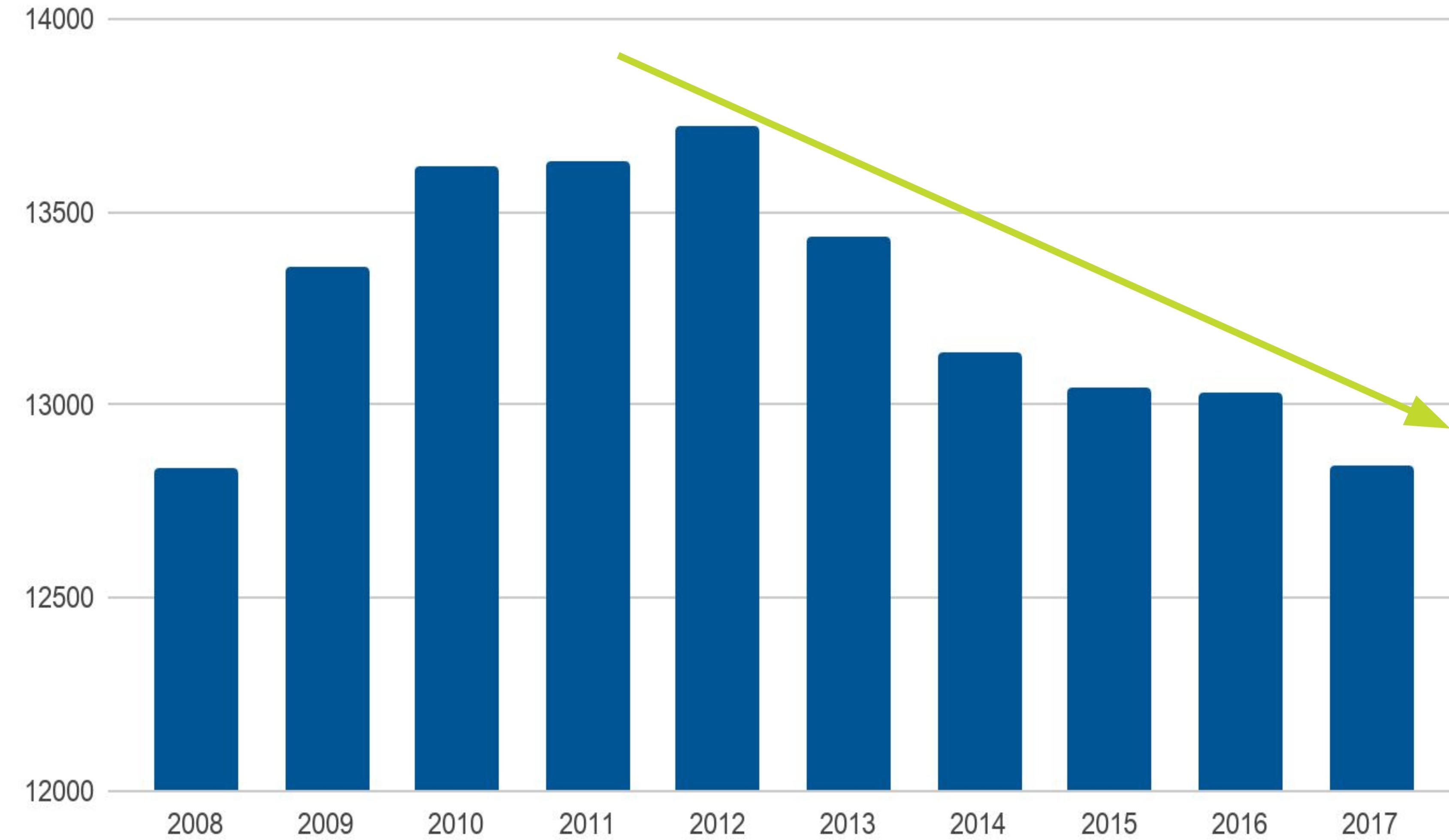
# New Forecasts



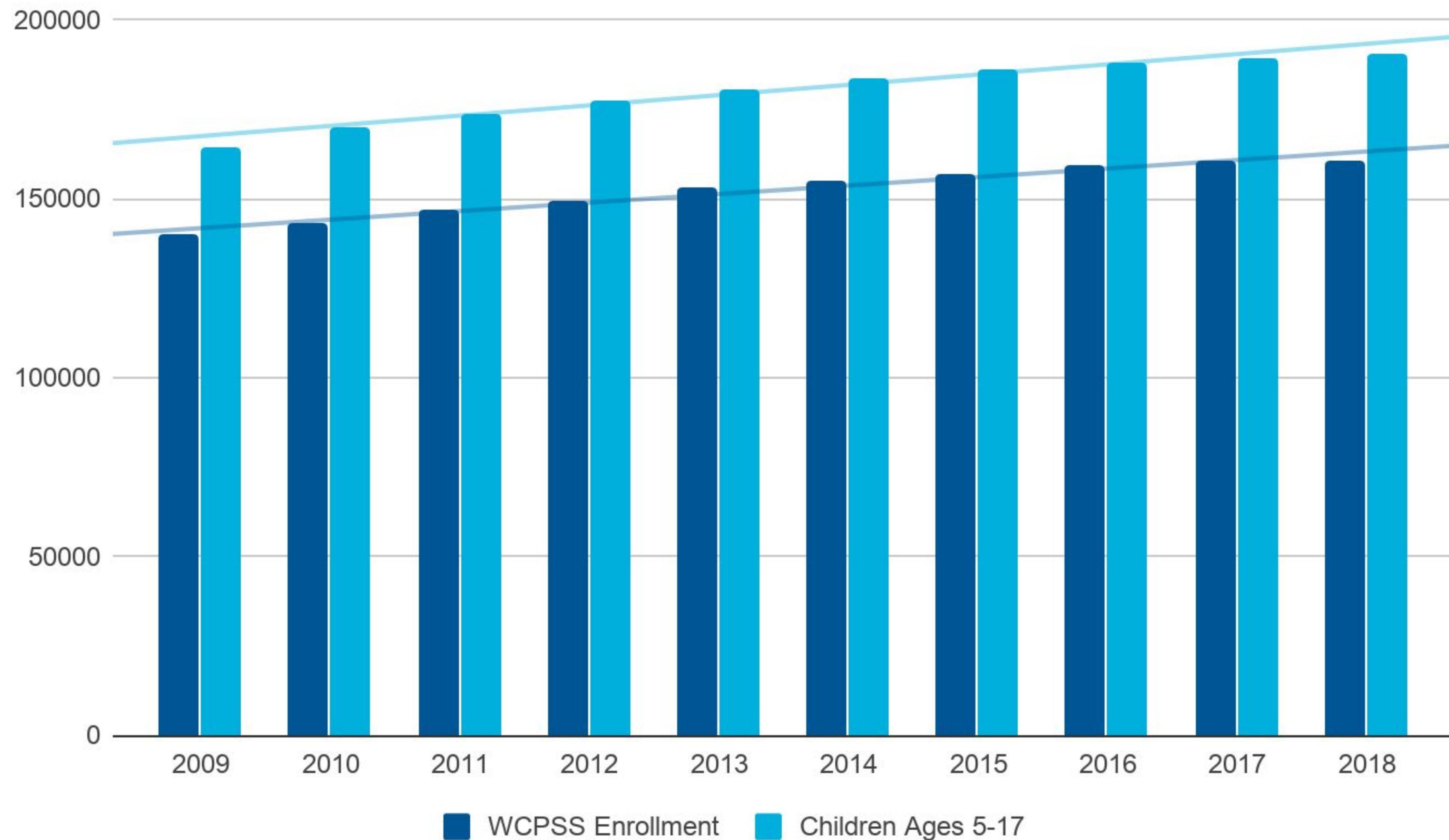
# WCPSS Enrollment Compared to Live Births, Five Years Prior



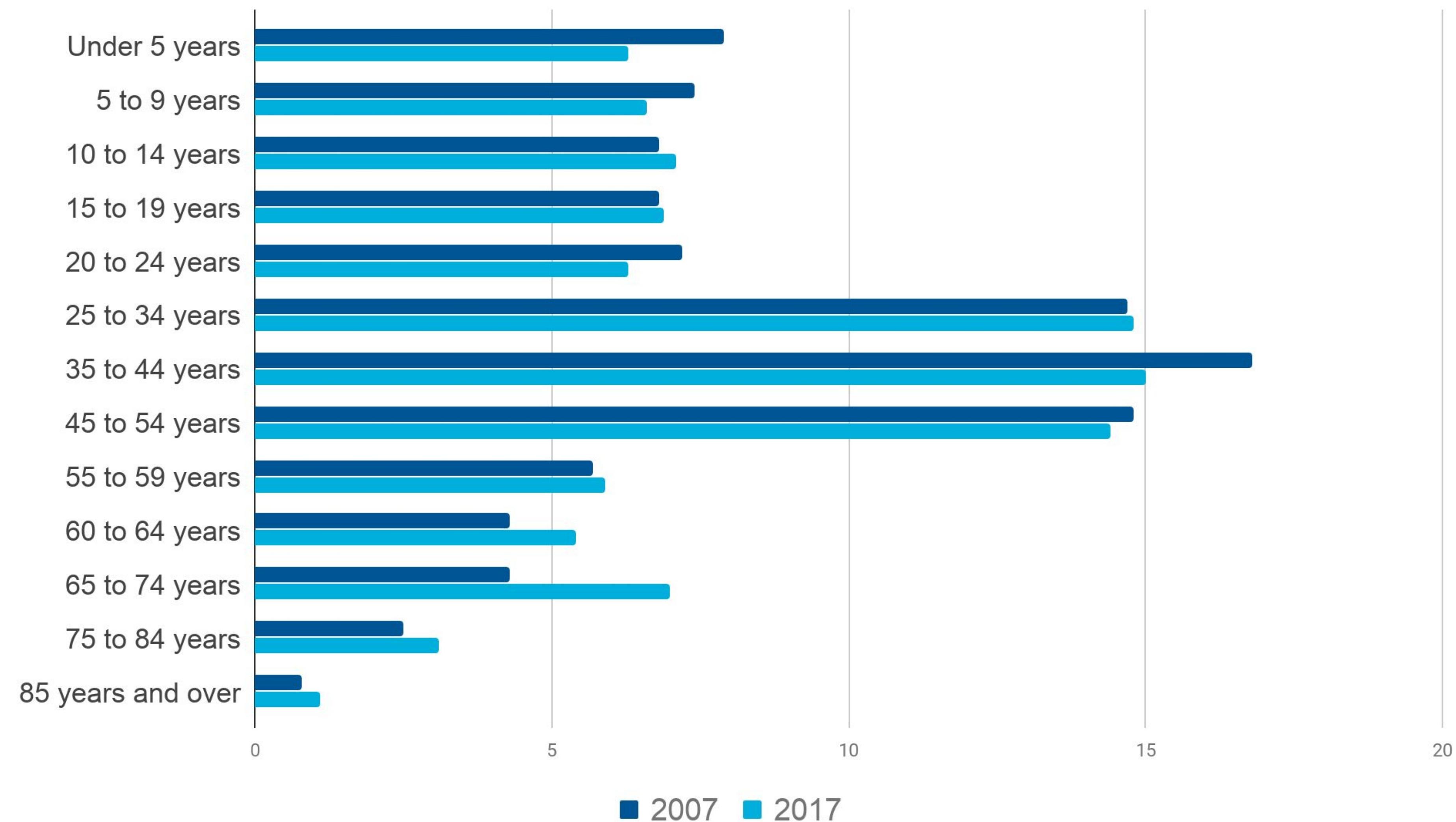
# Decrease in Children Age 5 in Wake County, over time



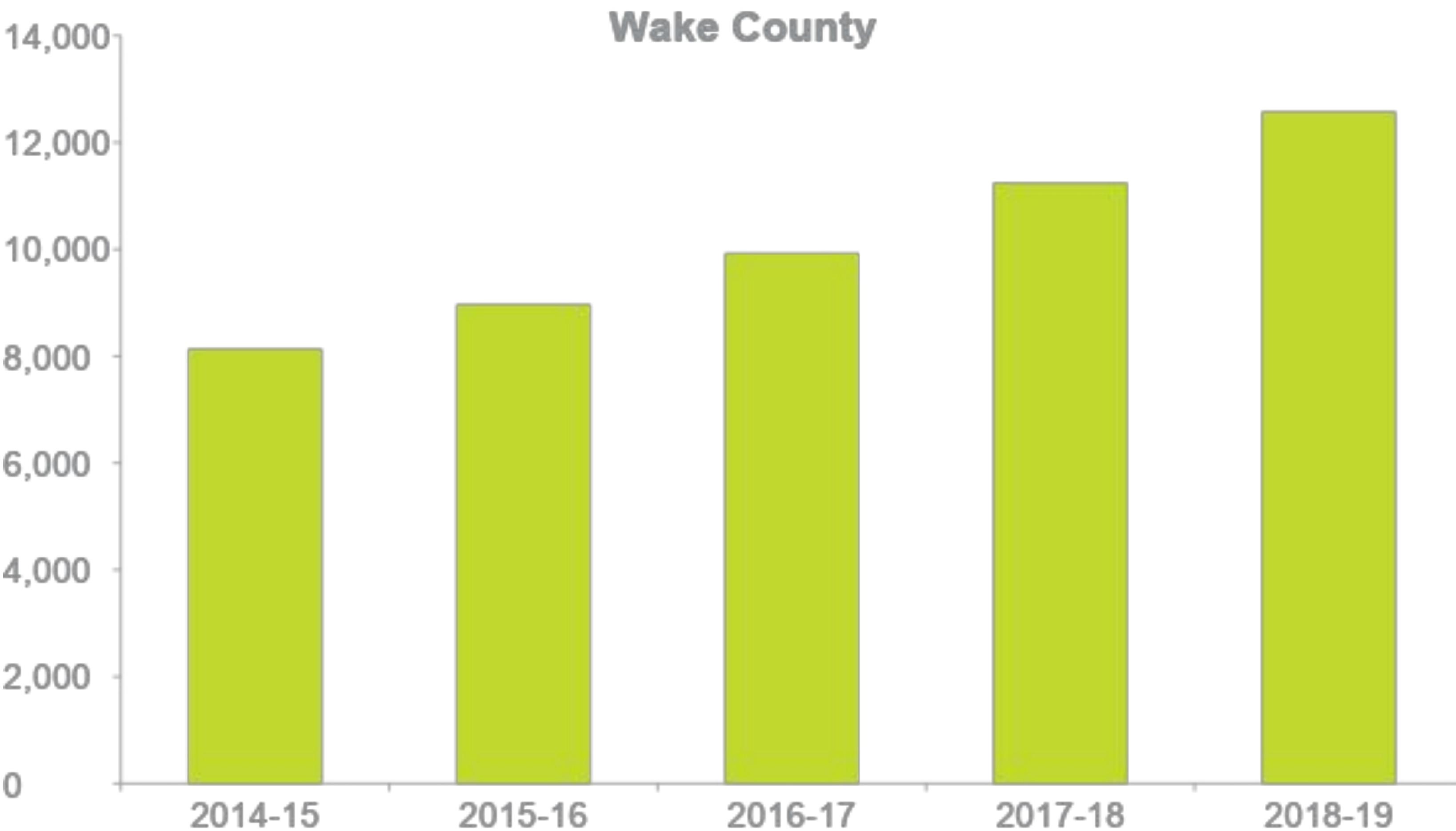
# WCPSS Enrollment compared to all school-aged children



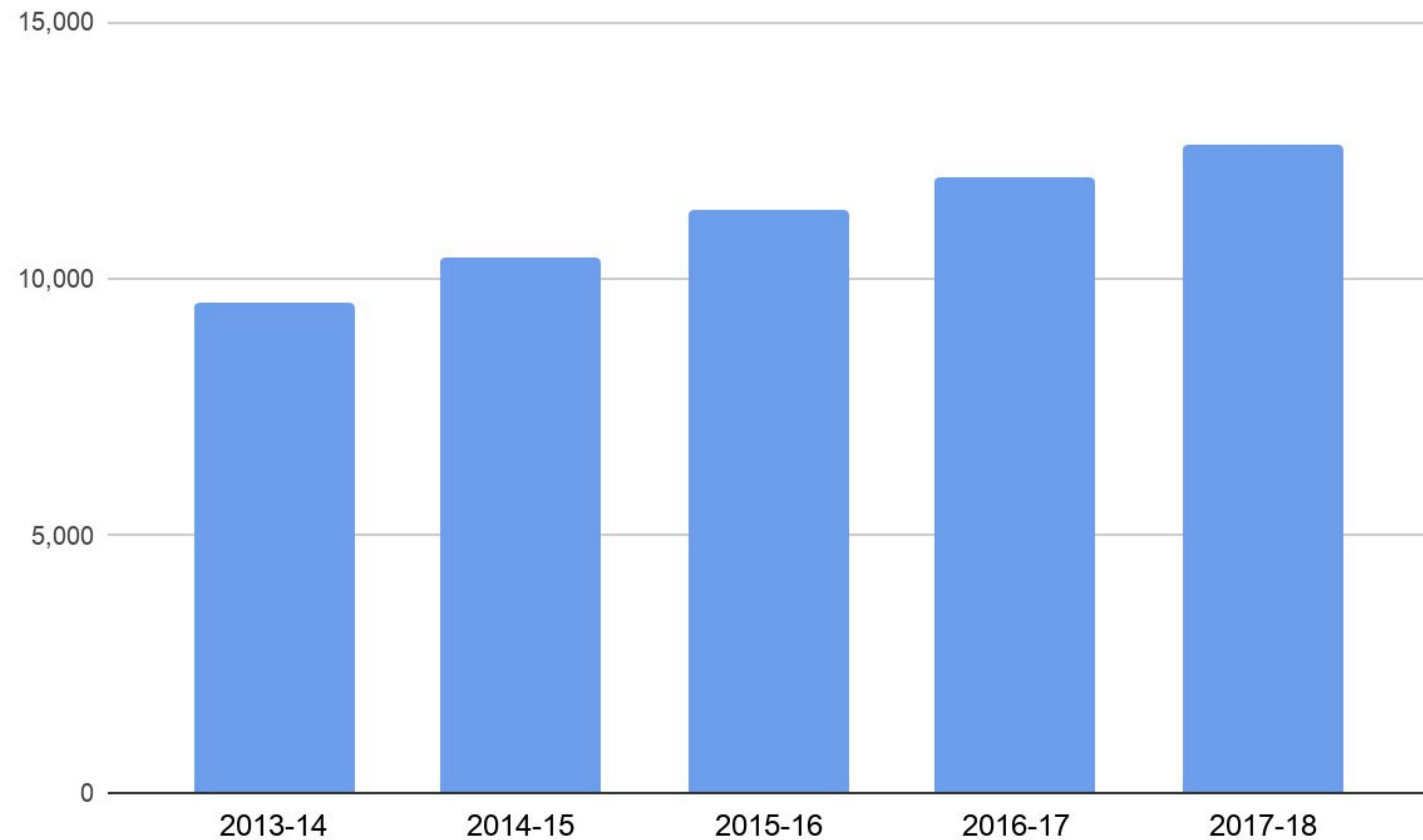
# Aging of Wake County



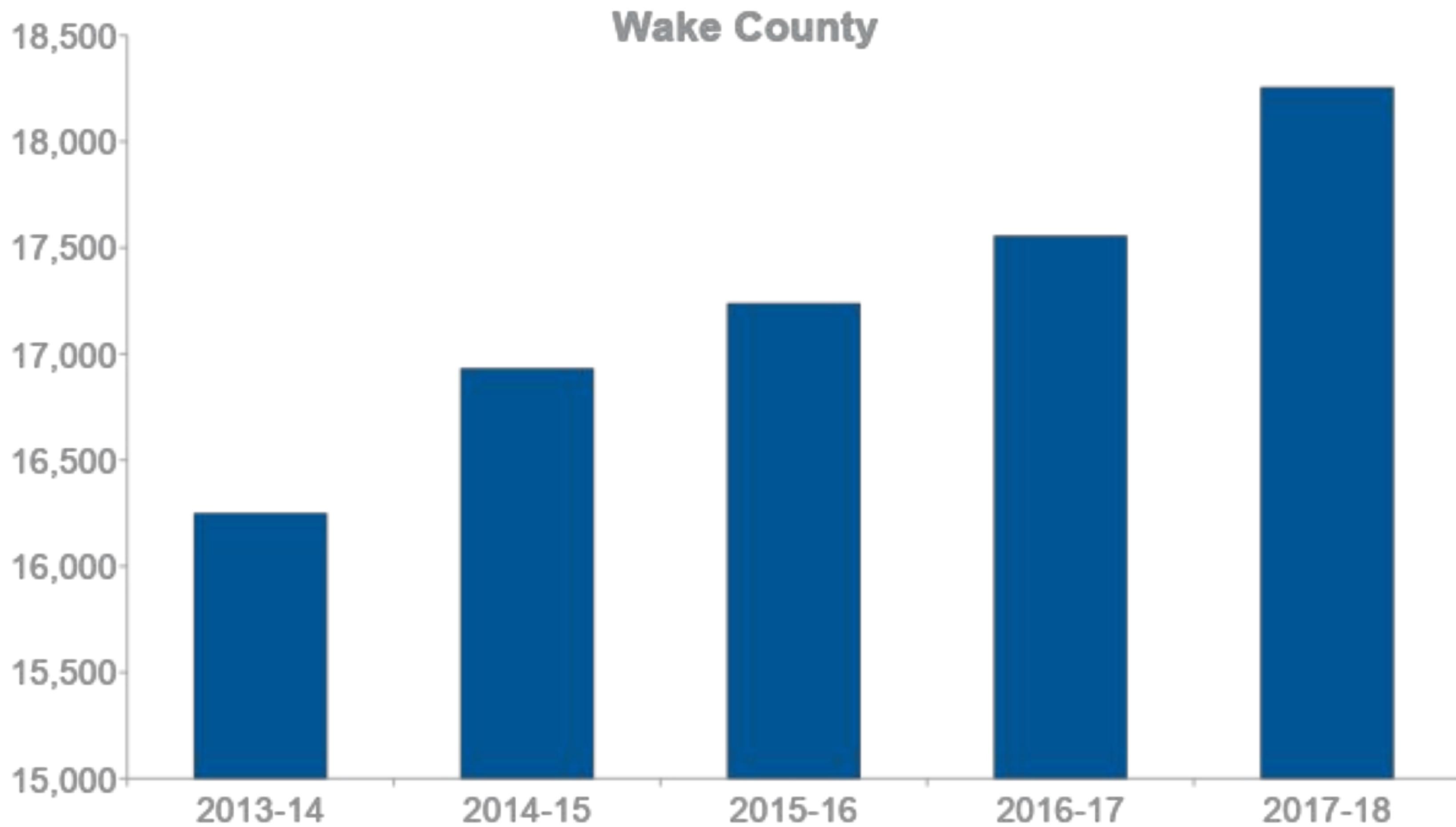
# Charter School Students



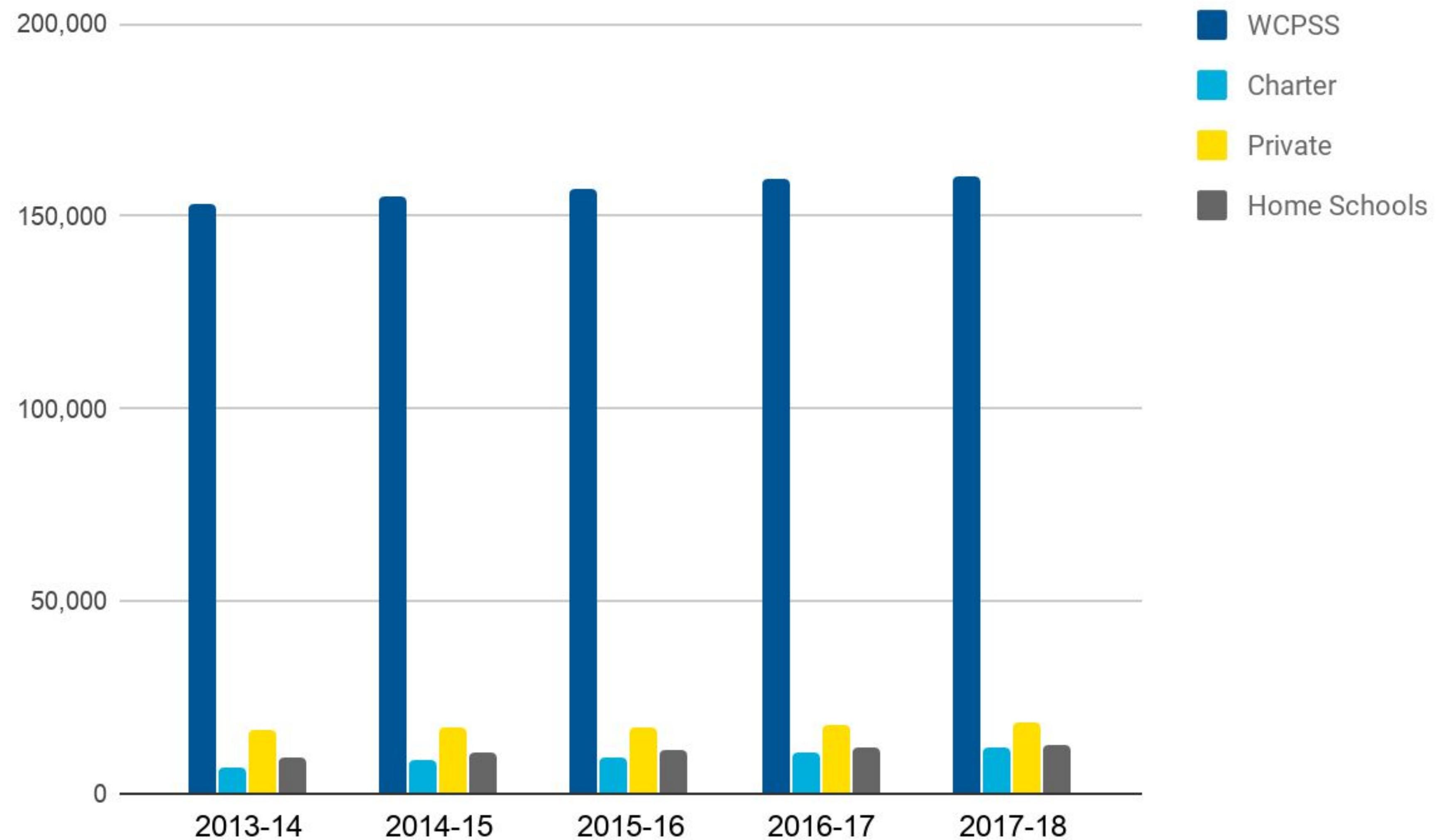
# Home Schools



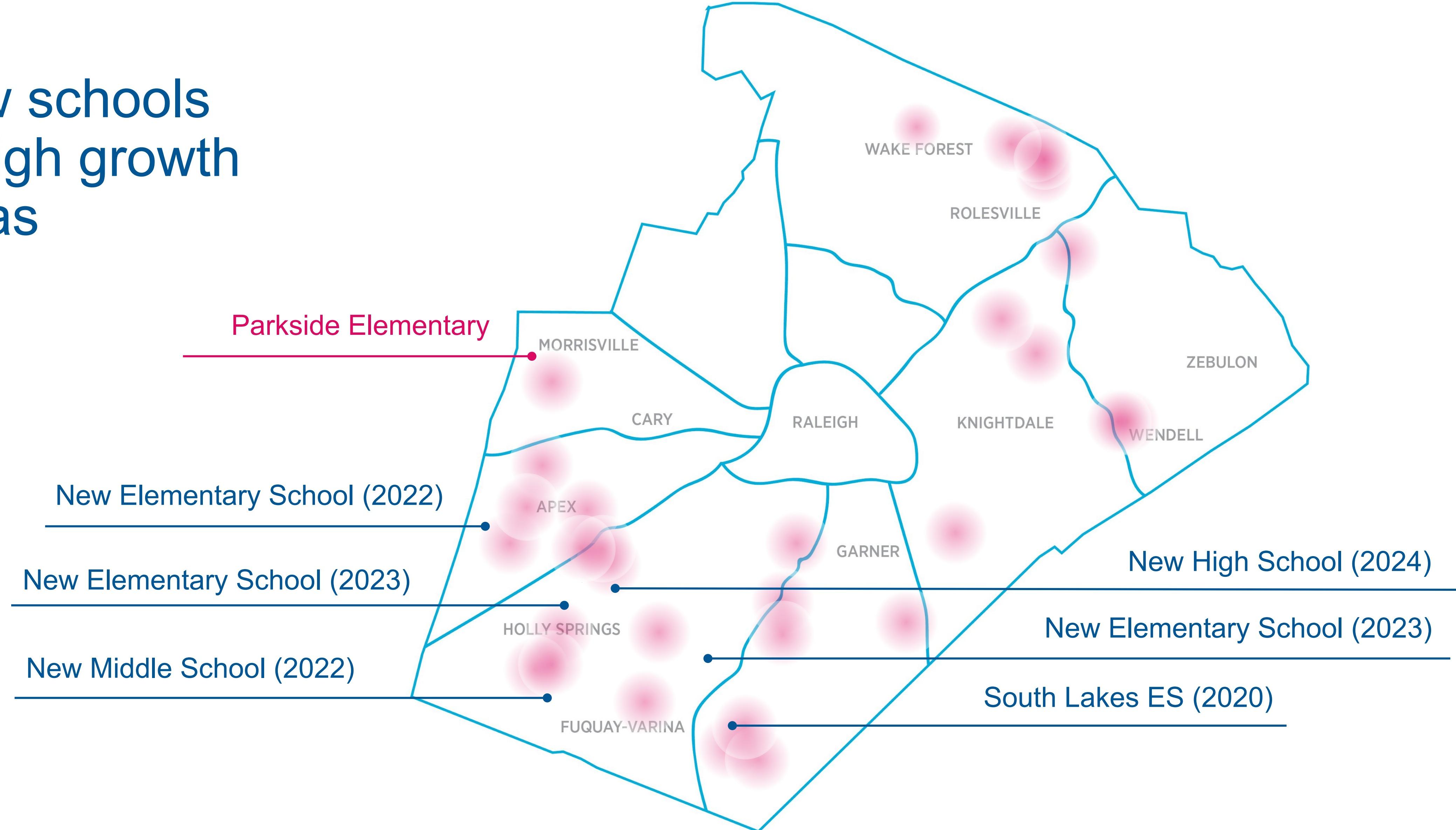
# Private School Students



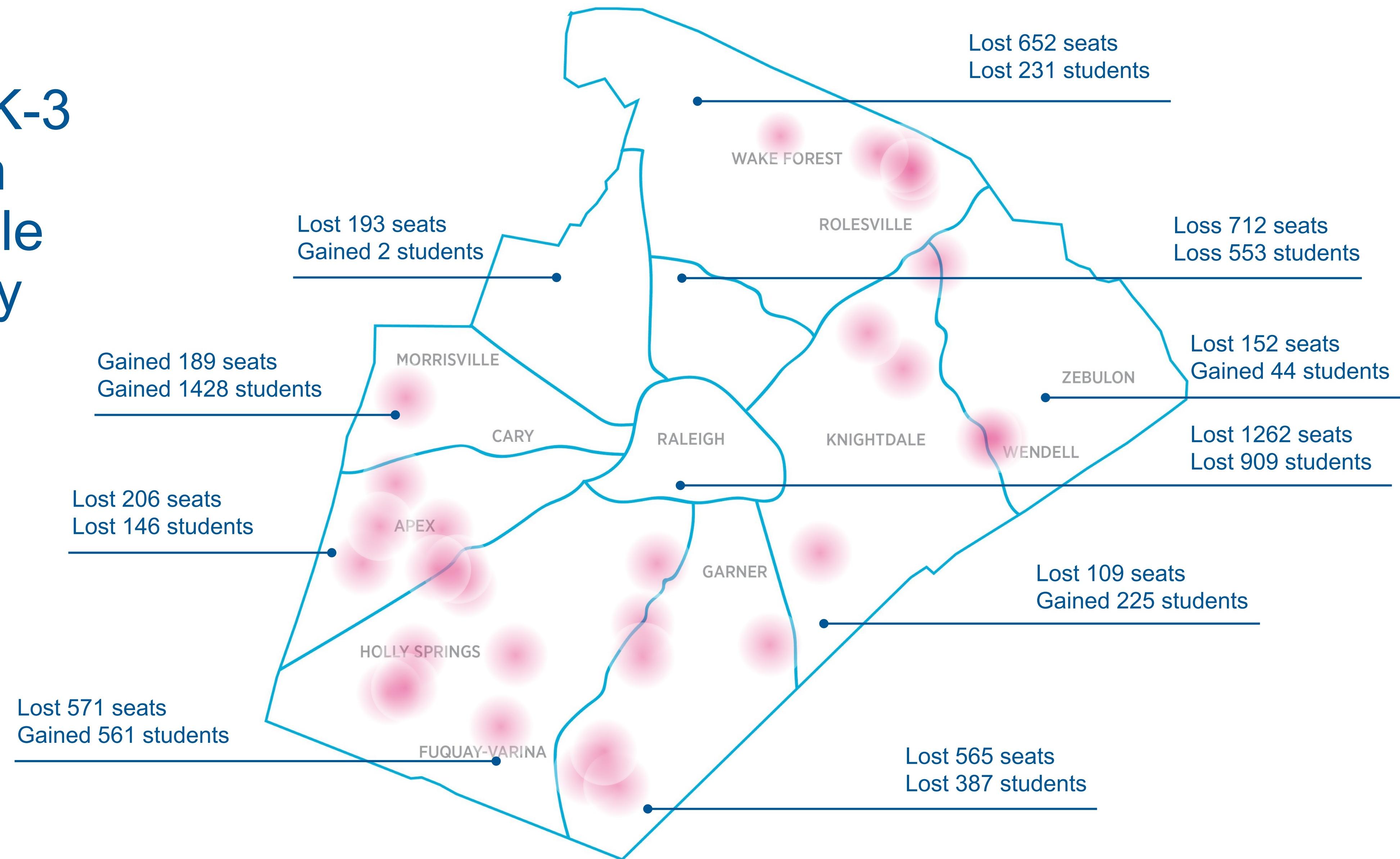
# All School-Aged Children



# New schools in high growth areas



# Impact of K-3 Legislation on Available Elementary Seats



# Needed School Renovations

- Two-thirds of the \$548 million bond approved by voters in November will be spent on modernizing and rebuilding schools, as well as upgrades to AC, heating, infrastructure and technology.
- These needs are not tied to enrollment growth.

# Opportunity

- The slowing growth could afford us the opportunity to reduce crowding at some overburdened schools and catch up on deferred maintenance.

# No Impact on Current Students

- Funding levels will continue to support our current students and will not impact the quality of education provided

# Closure

- Summary memo
- Detailed report of new forecast
- Membership and capacity by region
- Questions